



March 26, 1998
Project No. 97664V1

KM 00 00

Mr. Doug Zimmerman
Nevada Division of Environmental Protection
333 West Nye Lane, Room 138
Carson City, NV 89706-0851

RE: Results of Recent Groundwater Perchlorate Test Results.

PROVIDING

- Geotechnical Engineering
- Construction Materials Testing
- Environmental Site Assessments
- Drilling Services

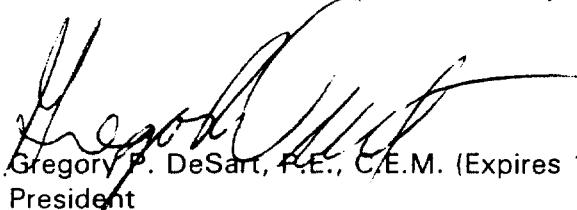
Dear Mr. Zimmerman:

Per your request, Geotechnical & Environmental Services, Inc. (GES, Inc.) is forwarding the results of Perchlorate analyses performed on groundwater sampled in February and March of 1998. As identified on the attached table, 2 of the samples were obtained from groundwater seeps at the ground surface. The approximate locations of the samples are shown on the table and in maps that are included with this letter.

Our services were performed using that degree of care and skill ordinarily exercised under similar circumstances by reputable consulting firms in this or similar localities. No other warranty, either express or implied, is included or intended in this report.

If you have any questions regarding these results, please feel free to call us at (702) 365-1001.

Sincerely,
Geotechnical & Environmental Services, Inc.



Gregory P. DeSart, P.E., C.E.M. (Expires 12/22/98)*
President

* "I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances."

Enc: Draft Perchlorate Concentrations in Groundwater Table
Draft site maps

Dist: faxed to addressee at 702-687-6396
1 original mailed to addressee
cc mailed to Fred D. Gibson III, Attorney at Law
cc mailed to Bob Broadbent
cc to project file #97664V1

7560 W. Sahara Ave., Ste.101 Las Vegas, NV 89117
(702) 365-1001 • Fax (702) 341-7120
www.gesnevada.com

**PERCHLORATE CONCENTRATIONS
IN GROUNDWATER***
GES File No. 97664V1

DRAFT

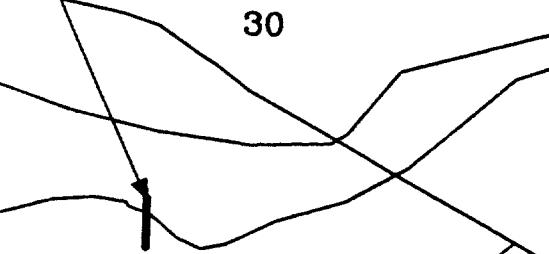
Well I.D.	Date Sampled	Results (mg/l)	Location
LMW-1	3/5/98	0.186	Section 29 T.21 S. R.63 E.
LMW-2	3/6/98	1.83	Section 29 T.21 S. R.63 E.
LMW-4	3/6/98	12.6	Section 29 T.21 S. R.63 E.
LMW-5	3/5/98	ND	Section 28 T.21 S. R.63 E.
MW-AA	3/6/98	0.125	Section 35 T.21 S. R.62 E.
MW-AB	3/9/98	0.098	Section 2 T.22 S. R.62 E.
MW-AC	3/2/98	0.56	Section 2 T.22 S. R.62 E.
MW-AD	2/26/98	10.8	Section 11 T.22 S. R.62 E.
MW-AE	3/17/98	2.95	Section 11 T.22 S. R.62 E.
MW-AG	3/23/98	0.069	Section 11 T.22 S. R.62 E.
MW-AH	3/19/98	0.167	Section 11 T.22 S. R.62 E.
MW-AJ	3/2/98	ND	Section 1 T.22 S. R.62 E.
MW-AL	3/9/98	5.7	Section 14 T.22 S. R.62 E.
MW-F2	3/2/98	347.0	Section 11 T.22 S. R.62 E.
MW-K1	3/2/98	12.3	Section 1 T.22 S. R.62 E.
MW-K2	3/2/98	43.1	Section 36 T.21 S. R.62 E.
MW-K6	3/16/98	53.7	Section 31 T.21 S. R.63 E.
MW-K7	3/16/98	9.05	Section 31 T.21 S. R.63 E.
MW-K8	3/16/98	5.34	Section 31 T.21 S. R.63 E.
MW-M	3/23/98	0.007	Section 14 T.22 S. R.62 E.
MW-T	3/16/98	0.233	Section 36 T.21 S. R.62 E.
MW-U	3/17/98	ND	Section 36 T.21 S. R.62 E.
MW-W	3/20/98	0.006	Section 11 T.22 S. R.62 E.
MW-X	2/26/98	0.006	Section 10 T.22 S. R.62 E.
MW-Z	3/2/98	0.46	Section 10 T.22 S. R.62 E.
RMW-2	3/4/98	ND	Section 32 T.21 S. R.63 E.
RMW-3	3/4/98	12.0	Section 32 T.21 S. R.63 E.
RMW-4	3/4/98	19.0	Section 32 T.21 S. R.63 E.
RMW-6	3/4/98	3.33	Section 32 T.21 S. R.63 E.
RMW-7	3/4/98	1.29	Section 32 T.21 S. R.63 E.
RMW-9	3/5/98	0.7	Section 32 T.21 S. R.63 E.
RMW-10	3/5/98	17.3	Section 32 T.21 S. R.63 E.
RS-1	3/4/98	0.633	Section 32 T.21 S. R.63 E. Surface Water Sample
RS-2	3/4/98	ND	Section 32 T.21 S. R.63 E. Surface Water Sample

* Laboratory analysis performed by Weck Laboratories, Inc.

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outfall of
Bypass and
on Treatment
outfall

MW-AM



MW-K8

7

31
Rapid Infiltration Basins

25

HMW-2 2.8

HMW-1 3.1

DM-50

Upper BMI
Evaporation
Ponds

6

POD-8

Las Vegas Wash

29

LMW-1 0.186

LMW-2 1.83

LMW-ND

LMW-4 12.6

RMW-2 ND

RMW-10 17.3

RS-2

RMW-7 1.29

32

3.33
RMW-6

RMW-8 3.661

RMW-3 12.00

RS-1

RMW-4 19.00

RMW-9 .700

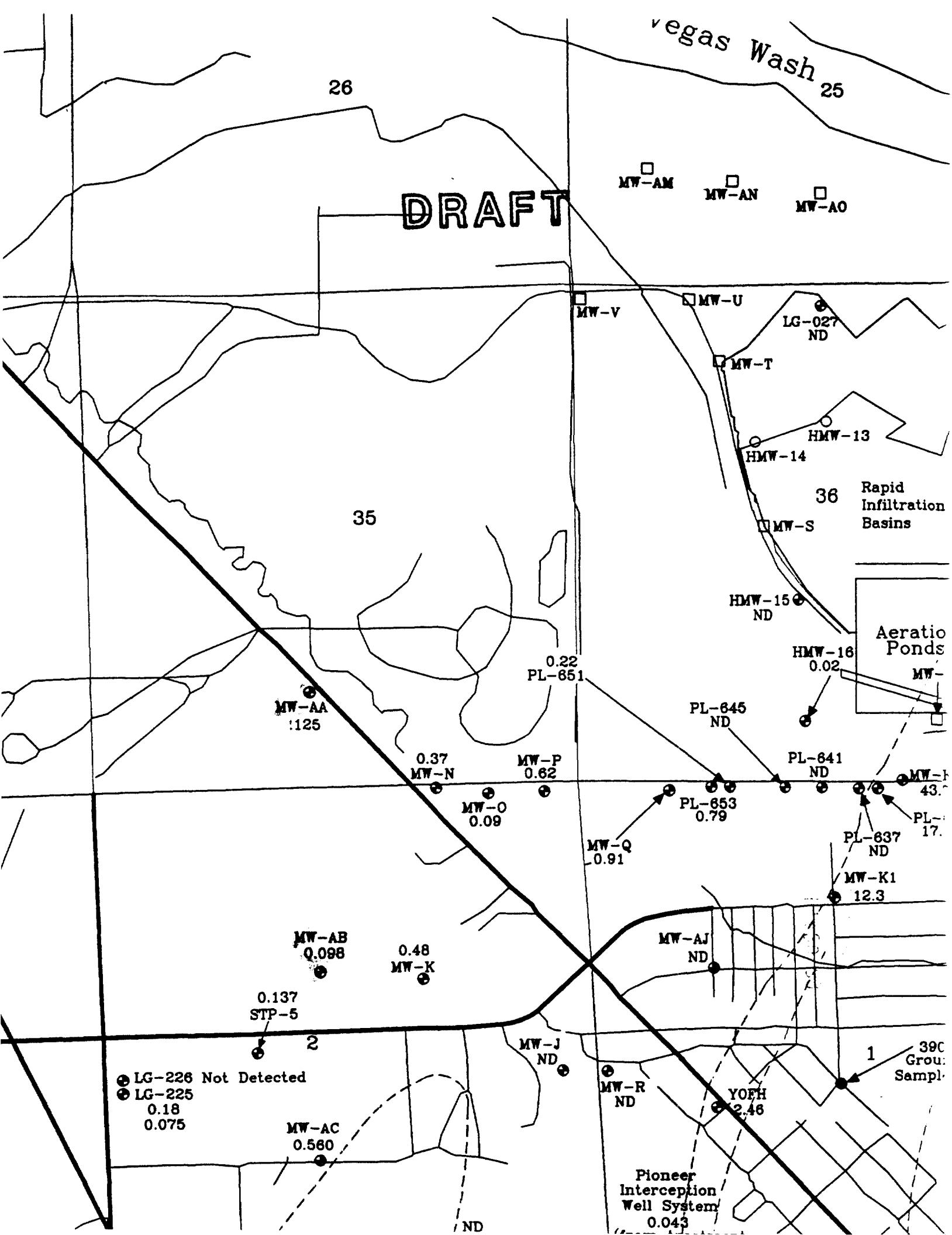
10

Upper BMI
Evaporation
Pond

5

OPG-221

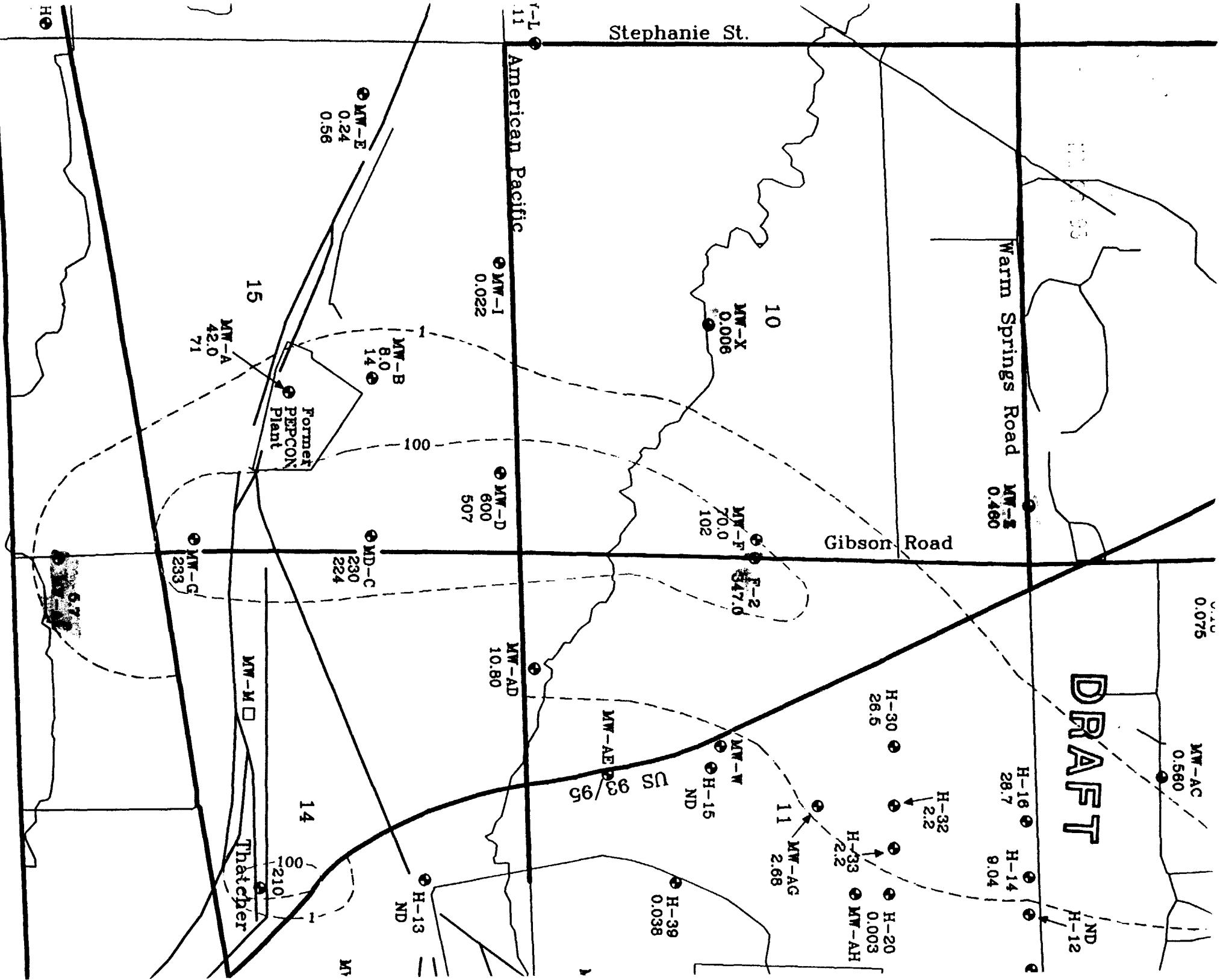
PG-220



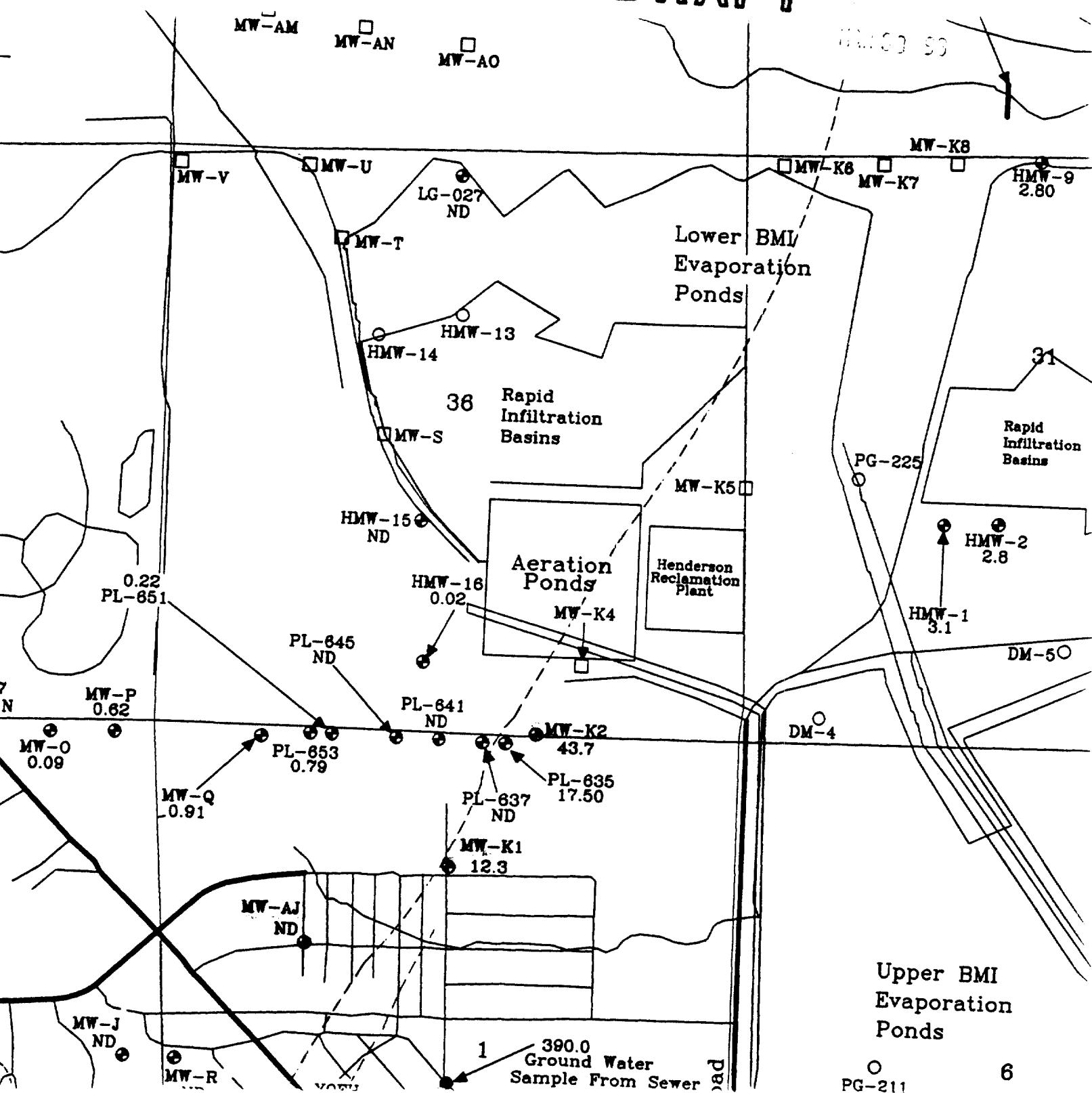
Stephanie St.

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PG-211

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